

Title (en)

Filtering medium for air filters and process for producing the same

Title (de)

Filtermaterial für Luftfilter und Verfahren zu seiner Herstellung

Title (fr)

Matière filtrante pour filtre à air et procédé pour sa production

Publication

EP 0963775 A2 19991215 (EN)

Application

EP 99111172 A 19990608

Priority

- JP 16387998 A 19980611
- JP 32825298 A 19981118

Abstract (en)

A filtering medium for air filters wherein its surface conditions have been improved, whereby the porous PTFE membrane is not damaged even after pleating, thus appropriately meeting needs for clean space in clean rooms. The filtering medium comprises a porous polytetrafluoroethylene membrane (2) and an air-permeable supporting member (1) which are laminated such that at least one of exposed surfaces comprises a surface of the air-permeable supporting member (1) having a maximum frictional resistance of 25 gf or less. This filtering medium can be obtained by, for example, press bonding the air-permeable supporting member (1) to the porous membrane (2) under heating and then pressing the surface of the air-permeable supporting member (1) to a silicone roll (4) for smoothing. <IMAGE>

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IPC 8 full level

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CPC (source: EP KR US)

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Cited by

CN113069833A; EP1260261A1; EP1184065A1; CN102596377A; EP2161127A4; CN111148561A; EP3685900A4; US6682576B1; US6596112B1; US7851043B2; WO0234375A1; WO0234376A1

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